



ELSEVIER

December 1994

**MATERIALS
LETTERS**

Materials Letters 21 (1994) 435-442

Author index to volume 21

- Abd-Shukor, R. and N. Hashim, Elemental substitutions and formation of $\text{Ti}_2\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{10-\delta}$ superconductor 21 (1994) 3
- Abou El-Kier, A.A., see S.A. Mahmoud 21 (1994) 221
- Ainger, F.W., see S. Erdei 21 (1994) 143
- Al-Ahwany, M.F., see A.M. El-Masry 21 (1994) 247
- Albarran, J.L., see J.A. Juarez-Islas 21 (1994) 197
- Ando, E., see T. Matsui 21 (1994) 335
- Aoki, S., see Y. Nakajima 21 (1994) 271
- Ardelean, I., Gh. Ilonca, O. Cozar, V. Simon and S. Filip, The valence states and magnetic interactions between iron ions in $\text{Bi}_2\text{O}_3\cdot\text{PbO}$ glasses 21 (1994) 321
- Avnir, D., see J. Samuel 21 (1994) 431
- Badini, C., M. Ferraris and F. Marchetti, Interfacial reaction in AZ61/AZ91/P100 Mg/graphite composite: an Auger spectroscopy investigation 21 (1994) 55
- Basak, D. and S.K. Sen, Electrical conduction in thin Y_2O_3 films using laterally spaced electrodes 21 (1994) 391
- Basu, D., see S. Maity 21 (1994) 63
- Benet Charles, J. and F.D. Gnanam, Crystal growth and electrical studies of $\text{NaSb}_3\text{F}_{10}$ crystals 21 (1994) 185
- Berner, A., see I. Goldfarb 21 (1994) 149
- Besner, S., see A. Lian 21 (1994) 215
- Bhatnagar, S.K., see P.K. Khanna 21 (1994) 341
- Bi, J., see Z.Y. Ma 21 (1994) 69
- Bochu, B., see K. Fröhlich 21 (1994) 377
- Božić, D., M. Mitkov, N. Ilić, M.T. Jovanović and M. Zdujić, Microstructure and mechanical properties of hot-pressed Ni_3Al -based intermetallic powder produced by rotating electrode process 21 (1994) 161
- Braymen, S.D., see E.D. Goff 21 (1994) 347
- Cai, L.Y., X.W. Zhang and X.R. Wang, HREM study of ordered and disordered structures in $\text{Pb}(\text{Sc}_{0.5}\text{Ta}_{0.5})\text{O}_3$ (Mater. Letters 20 (1994) 169). Erratum 21 (1994) 227
- Chang, C.T., see D.H. Chen 21 (1994) 15
- Chattopadhyay, K.K., see P. Mitra 21 (1994) 95
- Chaudhuri, S., see P. Mitra 21 (1994) 95
- Chen, D., Monte Carlo simulations of the atomic structure in nanocrystalline $\alpha\text{-Fe}$ 21 (1994) 405
- Chen, D.H., T.W. Liu, J.C. Huang, C.H. Cheng, C.T. Chang, S.R. Sheen, T.C. Wang and M.K. Wu, Synthesis of $\text{YBa}_2\text{Cu}_3\text{O}_7$ and $\text{YBa}_2\text{Cu}_4\text{O}_8$ superconductors via carbonate coprecipitation 21 (1994) 15

- Chen, N., see K. Wongchotigul 21 (1994) 381
- Chen, Y., Phase identification of a high-temperature intermetallic compound in Fe-Mn-Mo alloys 21 (1994) 297
- Cheng, C.H., see D.H. Chen 21 (1994) 15
- Cleff, B., see J. Dryzek 21 (1994) 209
- Conde, A., see C.F. Conde 21 (1994) 409
- Conde, C.F. and A. Conde, Crystallization of a FINEMET-type alloy: nanocrystallization kinetics 21 (1994) 409
- Cornet, A., see F. Peiro 21 (1994) 371
- Cozar, O., see I. Ardelean 21 (1994) 321
- Cross, L.E., see S. Erdei 21 (1994) 143
- Dao, L.H., see A. Lian 21 (1994) 215
- Dasaradhu, Y., see K. Lakshminarayana 21 (1994) 425
- Dryzek, E., see J. Dryzek 21 (1994) 209
- Dryzek, J., C. Wesseling, E. Dryzek and B. Cleff, Migration of vacancies in stainless steel measured by positron annihilation 21 (1994) 209
- El-Aiasy, M.K., see M.M. Selim 21 (1994) 265
- El-Batahgy, A.-M., Influence of HAZ microstructure and stress concentration on fatigue strength of welded structural steel 21 (1994) 415
- El-Masry, A.M., A.M.M. El-Torky and M.F. Al-Ahwany, Effect of some phenol derivatives on the properties of dissolving bagasse pulp 21 (1994) 247
- El-Sayed, B.A., see S.M. Shaaban 21 (1994) 255
- El-Shafey, E.M., see S.A. Mahmoud 21 (1994) 221
- El-Torky, A.M.M., see A.M. El-Masry 21 (1994) 247
- Erdei, S., F.W. Ainger, L.E. Cross and W.B. White, Hydrolyzed colloid reaction (HCR) technique for preparation of YVO_4 , YPO_4 and $YV_xP_{1-x}O_4$ 21 (1994) 143
- Ferraris, M., see C. Badini 21 (1994) 55
- Filip, S., see I. Ardelean 21 (1994) 321
- Flores, O., see J.A. Juarez-Islas 21 (1994) 197
- Fröhlich, K., D. Machajdik, F. Weiss and B. Bochu, Thin epitaxial CeO_2 films prepared by aerosol MOCVD 21 (1994) 377
- Fuks, D. and V. Segel, Temperature dependence of the enhancement factors for diffusion in dilute substitutional alloys 21 (1994) 399
- Georgakilas, A., see F. Peiro 21 (1994) 371
- Gibbard, H.F., see D.C. Magnuson 21 (1994) 1
- Glebovsky, V.G., E.A. Markaryants and E.V. Titov, Deposition of Ti-W thin films by magnetron cosputtering 21 (1994) 89
- Gnanam, F.D., see J. Benet Charles 21 (1994) 185
- Goff, E.D. and S.D. Braymen, A novel approach to the deposition of piezoelectric thin films 21 (1994) 347
- Goldfarb, I., E. Zolotoyabko, A. Berner and D. Shechtman, Novel sample preparation technique for the study of multicomponent phase diagrams 21 (1994) 149
- Gotić, M., S. Popović and S. Musić, Formation and characterization of δ -FeOOH 21 (1994) 289
- Grishin, A.M., see J.-H. Xu 21 (1994) 357

- Guardiola, J., see G. Ramos 21 (1994) 171
- Guo, J.Q., K. Kita, K. Ohtera, J. Nagahora, A. Inoue and T. Masumoto, Formation of new metastable bcc phases by crystallization of amorphous $\text{Al}_{92}\text{La}_8$ and $\text{Al}_{92}\text{Ce}_8$ alloys 21 (1994) 279
- Gust, W., see P.K. Khanna 21 (1994) 341
- Hamed, A.E., see S.A. Mahmoud 21 (1994) 221
- Han, Y.F., see Y.M. Wang 21 (1994) 73
- Harris, G., see M.K. Sanganeria 21 (1994) 137
- Hashim, N., see R. Abd-Shukor 21 (1994) 3
- Hassan, A.M., see S.M. Shaaban 21 (1994) 255
- Hassan, N.A., see M.M. Selim 21 (1994) 259
- Hatano, H., see Y. Hirata 21 (1994) 155
- He, L.L., see J.F. Mao 21 (1994) 307
- Hirata, Y., H. Kyoda and H. Hatano, Infiltration of nickel into porous alumina by electrodeposition 21 (1994) 155
- Hong, G.-W., see C.-J. Kim 21 (1994) 9
- Hu, Z., see Y. Li 21 (1994) 325
- Hu, Z.Q., see X.Q. Zhao 21 (1994) 285
- Huang, C.M., see L. Jian 21 (1994) 105
- Huang, F., T.M. Le, D.N. Lambeth and D.D. Stancil, The effect of in situ laser annealing on laser ablation deposited garnet films 21 (1994) 365
- Huang, J.C., see D.H. Chen 21 (1994) 15
- Huang, J.Y., Y.K. Wu and H.Q. Ye, A novel technique for specimen preparation of metal or ceramic powders for TEM or HREM observations 21 (1994) 167
- Huang, X., see Y. Shi 21 (1994) 79
- Huffman, D.R., Applications of fullerenes 21 (1994) 127
- Hwang, H.J., A. Nakahira, T. Sekino and K. Niihara, Investigation of structural variation in perovskite-type BaTiO_3 -based ceramics by elastic property measurements 21 (1994) 179
- Ichinose, H., see M. Nagano 21 (1994) 387
- Ilić, N., see D. Božić 21 (1994) 161
- Ilonca, Gh., see I. Ardelean 21 (1994) 321
- Inoue, A., see J.Q. Guo 21 (1994) 279
- Jero, P.D., see P.N. Kumta 21 (1994) 329
- Jian, L., C.M. Huang, G. Xu and C.M. Wayman, The domain structure of LaNbO_4 in the low temperature monoclinic phase 21 (1994) 105
- Jin, J.Z., see L.P. Zhang 21 (1994) 303
- Jin, Y., see Y.M. Wang 21 (1994) 73
- Jones, H., see Y. Li 21 (1994) 175
- Jovanović, M.T., see D. Božić 21 (1994) 161
- Juarez-Islas, J.A., R. Perez, J.L. Albarran, O. Flores and L. Martinez, SEM and HREM characterization of precipitation in a boron microalloyed steel 21 (1994) 197
- Kagawa, M., see M. Nagano 21 (1994) 387
- Kassem, M.E., see S.A. Mahmoud 21 (1994) 221
- Kato, S., T. Sakamoto, N. Watanabe, M. Sugai, Y. Ohshima, H. Takizawa and M. Shimada, Synthesis and electrical properties of $(\text{La}_{1-x}\text{M}_x)_3\text{Ni}_2\text{TaO}_9$ ($\text{M} = \text{Ca}, \text{Sr}$) 21 (1994) 101

- Kearns, M.W., see A. Wisbey 21 (1994) 31
- Kerans, R.J., see P.N. Kumta 21 (1994) 329
- Khanna, P.K., S.K. Bhatnagar and W. Gust, Temperature-induced physical failure mechanisms in thick resistive films 21 (1994) 341
- Kim, C.-J., K.-B. Kim and G.-W. Hong, Influence of grain size of $\text{YBa}_2\text{Cu}_3\text{O}_{7-y}$ on the particle size of Y_2BaCuO_5 after the peritectic reaction 21 (1994) 9
- Kim, H.J., see Y.J. Kim 21 (1994) 351
- Kim, K.-B., see C.-J. Kim 21 (1994) 9
- Kim, Y.J. and H.J. Kim, The effect of substrate temperature and rf power on the growth rate and the orientation of ZnO thin films prepared by plasma enhanced chemical vapor deposition 21 (1994) 351
- Kira, A.I., see M.M. Selim 21 (1994) 259
- Kita, K., see J.Q. Guo 21 (1994) 279
- Kitamura, N. and S. Okada, Chemical depth profile of GaSb anodic oxide grown in H_2O_2 solution using XPS method 21 (1994) 111
- Knutsen, R.D., see M. Sibanda 21 (1994) 203
- Kumta, P.N., T. Mah, P.D. Jero and R.J. Kerans, Processing of 3D interconnected porous aluminum nitride composites for electronic packaging 21 (1994) 329
- Kyoda, H., see Y. Hirata 21 (1994) 155
-
- Lakshminarayana, K., Y. Dasaradhu and V.V.R. Narasimha Rao, Charging and discharging currents in polyvinylalcohol (PVA) polymer films 21 (1994) 425
- Lambeth, D.N., see F. Huang 21 (1994) 365
- Le, T.M., see F. Huang 21 (1994) 365
- Lee, C.A., see M.K. Sanganeria 21 (1994) 137
- Lee, L.H., see Y. Li 21 (1994) 175
- Lehmann, O. and M. Stuke, Three-dimensional laser direct writing of electrically conducting and isolating microstructures 21 (1994) 131
- Lewis, A., see J. Samuel 21 (1994) 431
- Lewis, S.M., see H.J. Phillips 21 (1994) 229
- Li, J.H., see Z.Y. Ma 21 (1994) 69
- Li, S., see G. Lu 21 (1994) 251
- Li, Y., S.C. Ng, C.K. Ong, L.H. Lee and H. Jones, Crystallization parameters of two Mg-Ni-Nd alloy glasses with large supercooled liquid ranges 21 (1994) 175
- Li, Y., Y. Liang and Z. Hu, In situ synthesis of high-purity $\alpha\text{-Si}_3\text{N}_4$ whiskers from amorphous Si-N-C powders 21 (1994) 325
- Li, Y.Y., see L.J. Rong 21 (1994) 395
- Lian, A., S. Besner and L.H. Dao, Dielectric relaxation of polyaniline/polyvinylalcohol blends 21 (1994) 215
- Liang, Y., see X.Q. Zhao 21 (1994) 285
- Liang, Y., see Y. Li 21 (1994) 325
- Lieberman, K., see J. Samuel 21 (1994) 431
- Liu, G.Q., see M. Shirkhanzadeh 21 (1994) 115
- Liu, T.W., see D.H. Chen 21 (1994) 15
- Lu, G., K. Xu and S. Li, Alteration of the catalytic properties of anatase by shock-wave loading 21 (1994) 251
- Lu, Y.X., see Z.Y. Ma 21 (1994) 69

- Luo, Z.P., D.Y. Song, S.Q. Zhang, Y.L. Tang and D.S. Zhao, Effect of heat-treatment on the stability of the quasicrystal in a Mg-Zn-Zr-Y alloy 21 (1994) 85
- Ma, Z.Y., X.G. Ning, Y.X. Lu, J.H. Li, J. Bi and Y.Z. Zhang, Microstructure and properties of SiC whisker reinforced Al-8.5Fe-1.3V-1.7Si alloy composite 21 (1994) 69
- Machajdik, D., see K. Fröhlich 21 (1994) 377
- Magnuson, D.C. and H.F. Gibbard, Status and prospects of metal hydrides for nickel-metal hydride secondary batteries 21 (1994) 1
- Mah, T., see P.N. Kumta 21 (1994) 329
- Maher, D.M., see M.K. Sangneria 21 (1994) 137
- Mahmoud, S.A., A.E. Hamed, A.A. Abou El-Kier, M.G. Mousse, M.E. Kassem and E.M. El-Shafey, Effect of radiation on the electrical properties of plastic detector CR-39 21 (1994) 221
- Maity, S., D. Basu and B.K. Sarkar, Fatigue behaviour of fine-grained alumina under repeated impact loading 21 (1994) 63
- Mao, J.F., L.L. He, H.Q. Ye, D.Z. Yang and Z.X. Tang, An HRTEM study of the crystal structure of $Zr_4Co_4Ge_7$ 21 (1994) 307
- Marchetti, F., see C. Badini 21 (1994) 55
- Markaryants, E.A., see V.G. Glebovsky 21 (1994) 89
- Martinez, L., see J.A. Juarez-Islas 21 (1994) 197
- Masumoto, T., see J.Q. Guo 21 (1994) 279
- Matsui, T., E. Ando, K. Morii and Y. Nakayama, Fabrication of Mn(Sb-Bi) films by solid-state reaction of multilayered films 21 (1994) 335
- Mitkov, M., see D. Božić 21 (1994) 161
- Mitra, P., K.K. Chattopadhyay, S. Chaudhuri and A.K. Pal, Electrical properties of boron-doped diamond films prepared by dc plasma decomposition of $CO_2 + H_2$ 21 (1994) 95
- Mizoguchi, Y., see M. Nagano 21 (1994) 387
- Moragues, A., see M.A. Sanjuán 21 (1994) 239
- Morante, J.R., see F. Peiro 21 (1994) 371
- Morii, K., see T. Matsui 21 (1994) 335
- Morito, S., see Y. Murakami 21 (1994) 275
- Mousse, M.G., see S.A. Mahmoud 21 (1994) 221
- Murakami, Y., S. Morito, Y. Nakajima, K. Otsuka, T. Suzuki and T. Ohba, Effect of ageing ζ'_2 martensite on the enthalpy of transformation in a Au-49.5 at% Cd alloy 21 (1994) 275
- Musić, S., see M. Gotić 21 (1994) 289
- Nagahora, J., see J.Q. Guo 21 (1994) 279
- Nagano, M., H. Ichinose, Y. Mizoguchi and M. Kagawa, Preparation of thin films and ultrafine powders of $(La,Sr)_2NiO_4$ by a spray-ICP technique 21 (1994) 387
- Nakahira, A., see H.J. Hwang 21 (1994) 179
- Nakajima, Y., S. Aoki, K. Otsuka and T. Ohba, The rubber-like behavior of ζ'_2 (trigonal) martensite in Au-49.5 to 50.0 at% Cd alloys 21 (1994) 271
- Nakajima, Y., see Y. Murakami 21 (1994) 275
- Nakayama, Y., see T. Matsui 21 (1994) 335
- Narasimha Rao, V.V.R., see K. Lakshminarayana 21 (1994) 425
- Neagu, E., The influence of annealing time on thermally stimulated discharge current of corona-charged polymers 21 (1994) 119
- Ng, S.C., see Y. Li 21 (1994) 175

- Niihara, K., see H.J. Hwang 21 (1994) 179
 Ning, X.G., see Z.Y. Ma 21 (1994) 69
- Ohba, T., see Y. Nakajima 21 (1994) 271
 Ohba, T., see Y. Murakami 21 (1994) 275
 Ohshima, Y., see S. Kato 21 (1994) 101
 Ohtera, K., see J.Q. Guo 21 (1994) 279
 Okada, S., see N. Kitamura 21 (1994) 111
 Ong, C.K., see Y. Li 21 (1994) 175
- Otooni, M.A., Status and prospects of rapid solidification and processing: report from a recent NATO/ARW workshop 21 (1994) 363
 Otsuka, K., see Y. Nakajima 21 (1994) 271
 Otsuka, K., see Y. Murakami 21 (1994) 275
 Ottolenghi, M., see J. Samuel 21 (1994) 431
 Öztürk, M.C., see M.K. Sanganeria 21 (1994) 137
- Pal, A.K., see P. Mitra 21 (1994) 95
 Partridge, P.G., see A. Wisbey 21 (1994) 31
 Partridge, P.G., see A. Wisbey 21 (1994) 41
- Peiro, F., A. Cornet, J.R. Morante, K. Zekentes and A. Georgakilas, TEM analysis of In-GaAs/InAlAs epitaxial layers grown over InP patterned substrates 21 (1994) 371
 Perez, R., see J.A. Juarez-Islas 21 (1994) 197
 Phillips, H.J., R.A. Shenoi and S.M. Lewis, Effect of specimen size on the strength scaling of GFRP laminates 21 (1994) 229
 Piszora, P., see E. Wolska 21 (1994) 191
 Popović, S., see M. Gotić 21 (1994) 289
 Prasad, B.D., see K. Wongchotigul 21 (1994) 381
 Prieto, J.J., see G. Ramos 21 (1994) 171
- Ramos, G., J.J. Prieto and J. Guardiola, Granulometric studies of sizings in the manufacture of E and AR glass fibers 21 (1994) 171
 Rao, K.V., see J.-H. Xu 21 (1994) 357
 Rodell, B., see J.-H. Xu 21 (1994) 357
 Rong, L.J., Y.Y. Li and C.X. Shi, Improvement of shape memory effect in an Fe-Mn-Si alloy by prestraining of austenite 21 (1994) 395
- Sakamoto, T., see S. Kato 21 (1994) 101
 Samuel, J., A. Strinkovski, S. Shalom, K. Lieberman, M. Ottolenghi, D. Avnir and A. Lewis, Miniaturization of organically doped sol-gel materials: a microns-size fluorescent pH sensor 21 (1994) 431
 Sanganeria, M.K., K.E. Violette, M.C. Öztürk, G. Harris, C.A. Lee and D.M. Maher, Low thermal budget in situ cleaning and passivation for silicon epitaxy in a multichamber rapid thermal processing cluster tool 21 (1994) 137
 Sanjuán, M.A. and A. Moragues, A testing method for measuring plastic shrinkage in polypropylene fibre reinforced mortars 21 (1994) 239
 Sarkar, B.K., see S. Maity 21 (1994) 63
 Segel, V., see D. Fuks 21 (1994) 399

- Sekino, T., see H.J. Hwang 21 (1994) 179
- Selim, M.M., A.I. Kira and N.A. Hassan, Effect of exogenic and endogenic factors on the activity of Nd-zeolite catalyst in ethanol conversion 21 (1994) 259
- Selim, M.M. and M.K. El-Aiashy, Solid-solid interaction between manganese carbonate and molybdic acid and the stability of the formed thermal products 21 (1994) 265
- Sen, S.K., see D. Basak 21 (1994) 391
- Shaaban, S.M., B.A. El-Sayed, A.A. Shabana and A.M. Hassan, Temperature dependence of the electrical conductivity of urea and thiourea 21 (1994) 255
- Shabana, A.A., see S.M. Shaaban 21 (1994) 255
- Shalom, S., see J. Samuel 21 (1994) 431
- Shechtman, D., see I. Goldfarb 21 (1994) 149
- Sheen, S.R., see D.H. Chen 21 (1994) 15
- Shekar, S., see P. Venugopal Reddy 21 (1994) 21
- Shenoi, R.A., see H.J. Phillips 21 (1994) 229
- Shi, C.X., see L.J. Rong 21 (1994) 395
- Shi, J., see L.P. Zhang 21 (1994) 303
- Shi, Y., X. Huang and D. Yan, Effect of natural zircon powder as seeds on the gel synthesis of zircon powder 21 (1994) 79
- Shimada, M., see S. Kato 21 (1994) 101
- Shirkhanzadeh, M. and G.Q. Liu, Biocompatible delivery systems for osteoinductive proteins: immobilization of L-lysine in micro-porous hydroxyapatite coatings 21 (1994) 115
- Sibanda, M., S.L. Vismer and R.D. Knutsen, Consideration of reduced nickel containing austenitic stainless steels for forming applications 21 (1994) 203
- Simon, V., see I. Ardelean 21 (1994) 321
- Somaiah, K., see P. Venugopal Reddy 21 (1994) 21
- Song, D.Y., see Z.P. Luo 21 (1994) 85
- Spencer, M.G., see K. Wongchotigul 21 (1994) 381
- Stancil, D.D., see F. Huang 21 (1994) 365
- Strinkovski, A., see J. Samuel 21 (1994) 431
- Stuke, M., see O. Lehmann 21 (1994) 131
- Sugai, M., see S. Kato 21 (1994) 101
- Suzuki, T., see Y. Murakami 21 (1994) 275
- Szajda, W., see E. Wolska 21 (1994) 191
-
- Takizawa, H., see S. Kato 21 (1994) 101
- Tang, Y.L., see Z.P. Luo 21 (1994) 85
- Tang, Z.X., see J.F. Mao 21 (1994) 307
- Thomson-Tur, M.A., see A. Wisbey 21 (1994) 41
- Tichá, H., see L. Tichý 21 (1994) 313
- Tichý, L. and H. Tichá, On the chemical threshold in chalcogenide glasses 21 (1994) 313
- Titov, E.V., see V.G. Glebovsky 21 (1994) 89
-
- Venugopal Reddy, P., S. Shekar and K. Somaiah, Elasticity studies of RE-Ba-Cu-O high- T_c superconductors 21 (1994) 21
- Violette, K.E., see M.K. Sangneria 21 (1994) 137
- Vismer, S.L., see M. Sibanda 21 (1994) 203

- Wang, T.C., see D.H. Chen 21 (1994) 15
- Wang, X.R., see L.Y. Cai 21 (1994) 227
- Wang, Y.M., Y. Jin and Y.F. Han, The interfacial misfit dislocation networks in a DS casting Ni_3Al base alloy IC6 21 (1994) 73
- Ward-Close, C.M., see A. Wisbey 21 (1994) 47
- Watanabe, N., see S. Kato 21 (1994) 101
- Wayman, C.M., see L. Jian 21 (1994) 105
- Weiss, F., see K. Fröhlich 21 (1994) 377
- Wesseling, C., see J. Dryzek 21 (1994) 209
- White, W.B., see S. Erdei 21 (1994) 143
- Wisbey, A., M.W. Kearns and P.G. Partridge, Superplastic deformation in Ti alloy IMI 834 and α -2 titanium aluminide 21 (1994) 31
- Wisbey, A., P.G. Partridge and M.A. Thomson-Tur, The production of conventional Co base (Stellite HS6) wear resistant surfaces on Ti alloys 21 (1994) 41
- Wisbey, A. and C.M. Ward-Close, Diffusion bonding of the high temperature Ti alloy IMI 829 to Fe-Ni alloy IN 907 using interlayers 21 (1994) 47
- Wittborn, J., see J.-H. Xu 21 (1994) 357
- Wolska, E., W. Szajda and P. Piszora, Effect of the anionic sublattice hydroxylation on the goethite \rightarrow maghemite transformation in the $\text{Al}_x\text{Fe}_{1-x}\text{OOH}$ system 21 (1994) 191
- Wongchotigul, K., M.G. Spencer, N. Chen and B.D. Prasad, Crystal structure of $(\text{SiC})_x(\text{AlN})_{1-x}$ grown on 6H-SiC by MOCVD 21 (1994) 381
- Wu, M.K., see D.H. Chen 21 (1994) 15
- Wu, Y.K., see J.Y. Huang 21 (1994) 167
- Xu, G., see L. Jian 21 (1994) 105
- Xu, J.-H., J. Wittborn, B. Rodell, A.M. Grishin and K.V. Rao, Surface microstructures and properties of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ films by bias-masked on-axis rf sputtering 21 (1994) 357
- Xu, K., see G. Lu 21 (1994) 251
- Xu, Y.B., see X.Q. Zhao 21 (1994) 285
- Yan, D., see Y. Shi 21 (1994) 79
- Yang, D.Z., see J.F. Mao 21 (1994) 307
- Ye, H.Q., see J.Y. Huang 21 (1994) 167
- Ye, H.Q., see J.F. Mao 21 (1994) 307
- Zdujić, M., see D. Božić 21 (1994) 161
- Zekentes, K., see F. Peiro 21 (1994) 371
- Zhang, L.P., J. Shi and J.Z. Jin, Fabrication of Al_3Ti intermetallic compound via mechanical alloying and pseudo-HIP processing 21 (1994) 303
- Zhang, S.Q., see Z.P. Luo 21 (1994) 85
- Zhang, X.W., see L.Y. Cai 21 (1994) 227
- Zhang, Y.Z., see Z.Y. Ma 21 (1994) 69
- Zhao, D.S., see Z.P. Luo 21 (1994) 85
- Zhao, X.Q., F. Zheng, Y. Liang, Z.Q. Hu and Y.B. Xu, Preparation and characterization of single phase γ -Fe nanopowder from cw CO_2 laser induced pyrolysis of iron pentacarbonyl 21 (1994) 285
- Zheng, F., see X.Q. Zhao 21 (1994) 285
- Zolotoyabko, E., see I. Goldfarb 21 (1994) 149

